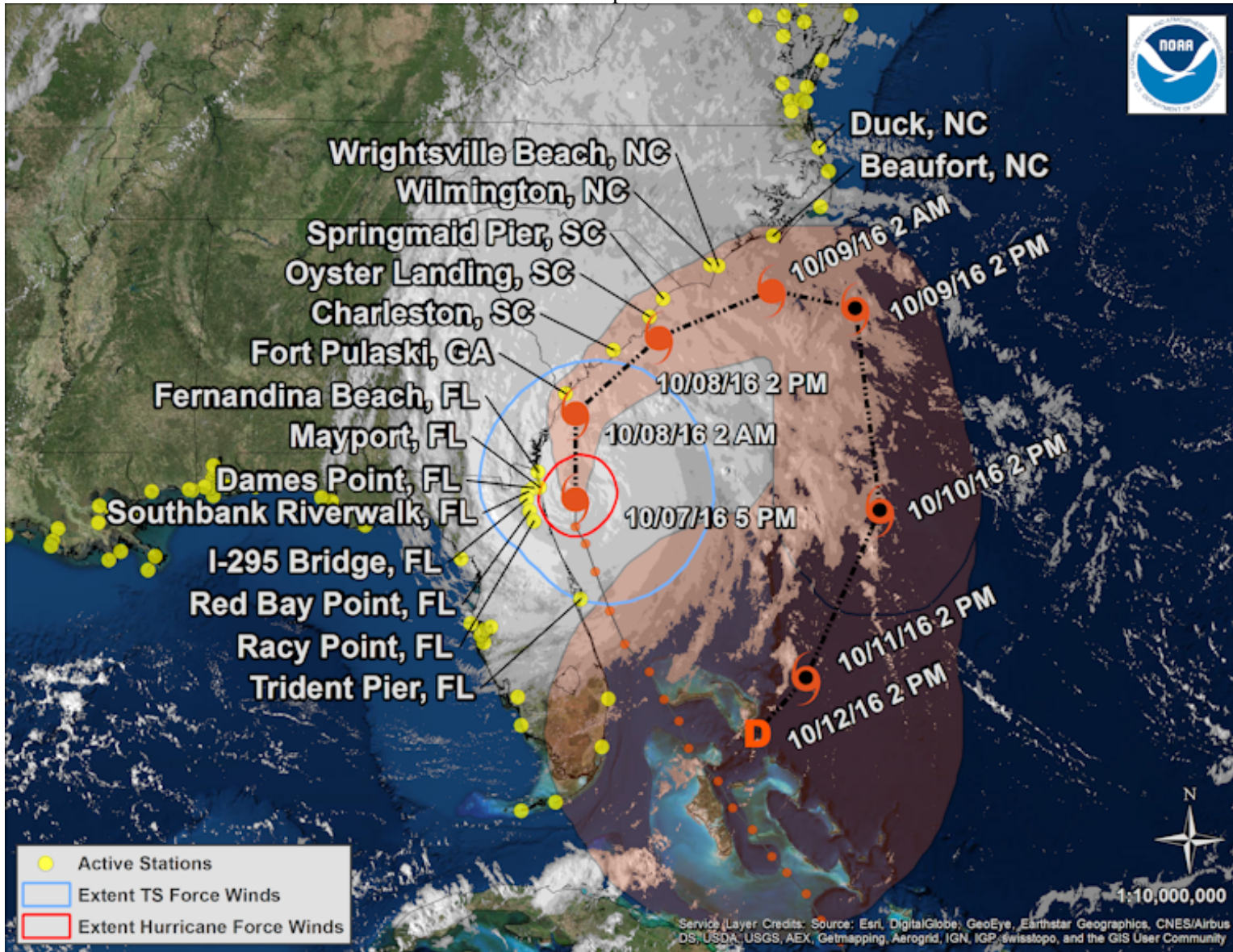




# Hurricane MATTHEW QuickLook Posted: 18:00 EDT 10/07/2016

## NOAA and NOAA Partnership Stations Relative to the Storm



## Storm Analysis

As of 10/07/2016 18:00 EDT, water levels closest to Hurricane Matthew, in coastal Georgia and northeast Florida including down the St. Johns River, range from 2.5 to 7.0 ft above tidal predictions. Storm surge flooding is occurring in many of those areas. Water levels along the South and North Carolina coasts range from 1.0 to 2.0 ft above tidal predictions. Water levels south of Jacksonville, along Florida's east coast range from 0.5 to 1.5 feet above tidal predictions.

The highest preliminary (unverified) storm tide observations (above Mean Higher High Water) as of this writing are 4.32 feet at Racy Point, FL on the St. Johns River and 4.17 feet at Fernandina Beach, FL

The center of Hurricane Matthew is off the coast of northeast Florida at this time.

Wind gusts at National Ocean Service stations closest to the center of the storm in the last few hours range from 45-70 knots. Winds along the Georgia and South Carolina coasts continue to increase along with decreasing barometric pressure.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.

Analyst: CRD

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SELECT NATIONAL HURRICANE CENTER BULLETIN  
HURRICANE MATTHEW ADVISORY NUMBER 39  
NWS NATIONAL HURRICANE CENTER MIAMI FL  
500 PM EDT FRI OCT 07 2016

...HURRICANE MATTHEW CAUSES DEVASTATION ALONG THE NORTHEAST  
COAST OF FLORIDA...

#### SUMMARY OF 500 PM EDT INFORMATION

-----  
LOCATION...30.2N 80.7W  
ABOUT 40 MI... E OF JACKSONVILLE BEACH FLORIDA  
ABOUT 135 MI...S OF SAVANNAH GEORGIA  
MAXIMUM SUSTAINED WINDS...110 MPH  
PRESENT MOVEMENT...N OR 360 DEGREES AT 12 MPH  
MINIMUM CENTRAL PRESSURE...948 MB

#### WATCHES AND WARNINGS

##### ----- CHANGES WITH THIS ADVISORY:

All coastal warnings have been discontinued south of the Volusia/Brevard county line.

The Hurricane Warning from the Volusia/Brevard county line to the Flagler/Volusia county line has been changed to a Tropical Storm Warning.

##### SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A Hurricane Warning is in effect for...

\* North of Flagler/Volusia county line to Surf City

A Hurricane Watch is in effect for...

\* North of Surf City to Cape Lookout

A Tropical Storm Warning is in effect for...

\* Volusia/Brevard county line to the Flagler/Volusia county line

\* North of Surf City to Duck

\* Pamlico and Albemarle Sounds

For storm information specific to your area, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office.

## DISCUSSION AND 48-HOUR OUTLOOK

-----  
At 500 PM EDT, the eye of Hurricane Matthew was located near latitude 30.2 North, longitude 80.7 West. Matthew is moving toward the north near 12 mph, and this motion is expected to continue tonight. A turn toward the north-northeast and then to the northeast is expected on Saturday. On the forecast

track, the center of Matthew will continue to move near or over the coast of northeast Florida and Georgia through tonight, and near or over the coast of South Carolina on Saturday.

Maximum sustained winds are near 110 mph with higher gusts. Although weakening is forecast during the next 48 hours, Matthew is expected to remain a hurricane until it begins to move away from the southeastern United States on Sunday.

Hurricane-force winds extend outward up to 60 miles from the center and tropical-storm-force winds extend outward up to 185 miles. A private weather station in Jacksonville recently reported a wind gust of 82 mph.

The minimum central pressure recently reported by NOAA and Air Force Hurricane Hunter planes was 948 mb.

## HAZARDS AFFECTING LAND

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**WIND:** Hurricane and tropical storm conditions are expected to continue over the warning area in Florida tonight, and spread northward within the warning area through Saturday.

Residents in high-rise buildings should be aware that the winds at the top of a 30-story building will be, on average, about one Saffir-Simpson category higher than the winds near the surface.

Hurricane conditions are possible within the Hurricane Watch and Tropical Storm Warning area in North Carolina by Saturday night or Sunday morning, with tropical storm conditions expected by Saturday morning.

**STORM SURGE:** The combination of a dangerous storm surge, the tide, and large and destructive waves will cause normally dry areas near the coast to be flooded by rising waters moving inland from the shoreline. The water could reach the following heights above ground if the peak surge occurs at the time of high tide...

Flagler Beach, Florida, to Edisto Beach, South Carolina, including portions of the St. Johns River...6 to 9 ft

Volusia/Brevard county line to Flagler Beach, Florida...4 to 6 ft

Edisto Beach, South Carolina to Cape Fear, North Carolina... 5 to 7 ft

Cape Fear to Duck, North Carolina, including portions of the Pamlico and Albemarle Sounds...2 to 4 ft

The deepest water will occur along the immediate coast in areas of onshore winds. Surge-related flooding depends on the relative timing of the surge and the tidal cycle, and can vary greatly over short distances. Large waves generated by Matthew will cause water rises to occur well in advance of and well away from the track of the center. For information specific to your area, please see products issued by your local National Weather Service forecast office.

There is a danger of life-threatening inundation during the next 36 hours along the Florida northeast coast, the Georgia coast, the South Carolina coast, and the North Carolina coast from the Volusia/Brevard county line, Florida, to Cape Fear, North Carolina. There is the possibility of life-threatening inundation during the next 48 hours from north of Cape Fear to Duck, North Carolina. For a depiction of areas at risk, please see the Prototype National Weather Service Storm Surge Watch/Warning Graphic. For information specific to your area, please see products issued by your local National Weather Service forecast office.

The Prototype Storm Surge Watch/Warning Graphic is a depiction of areas that would qualify for inclusion under a storm surge watch or warning currently under development by the National Weather Service and planned for operational use in 2017. The Prototype Graphic is available at [hurricanes.gov](http://hurricanes.gov).

RAINFALL: Matthew is expected to produce total rain accumulations of 8 to 12 inches over the Atlantic coast of the United States from northeast Florida to eastern North Carolina, with possible isolated maximum amounts of 15 inches. This rainfall may result in life-threatening flooding and flash flooding.

TORNADOES: Isolated tornadoes are possible across parts of the South Carolina and Georgia coastal plains late this afternoon and tonight.

SURF: Swells generated by Matthew will continue to affect portions of the Bahamas and the east coast of Florida during the next few days, and will spread northward along the southeast U.S. coast through the weekend. These swells will likely cause life-threatening surf and rip current conditions. Please consult products from your local weather office.

#### NEXT ADVISORY

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Next intermediate advisory at 800 PM EDT.  
Next complete advisory at 1100 PM EDT.

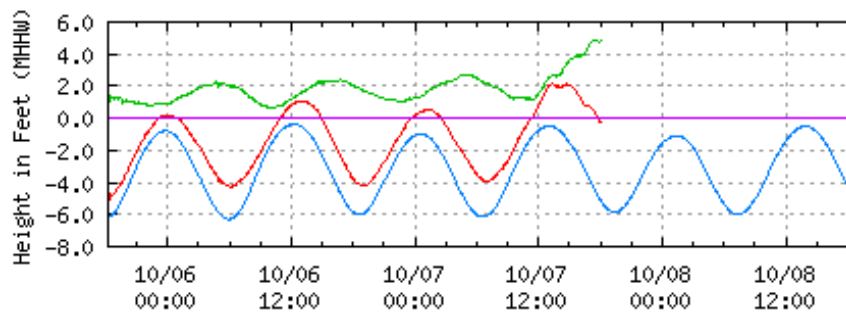
Forecaster Avila

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Fort Pulaski - Water Level](#), [Fort Pulaski - Winds](#), [Fort Pulaski - Barometric](#), [Charleston - Water Level](#), [Charleston - Winds](#), [Charleston - Barometric](#), [Fernandina Beach - Water Level](#), [Fernandina Beach - Winds](#), [Fernandina Beach - Barometric](#), [Mayport \(Bar Pilots Dock\) - Water Level](#), [Mayport \(Bar Pilots Dock\) - Winds](#),

Mayport (Bar Pilots Dock) - Barometric, Dames Point - Water Level, Southbank Riverwalk, St Johns River - Water Level, I-295 Bridge, St Johns River - Water Level, I-295 Bridge, St Johns River - Winds, I-295 Bridge, St Johns River - Barometric, Red Bay Point, St Johns River - Water Level, Red Bay Point, St Johns River - Winds, Red Bay Point, St Johns River - Barometric, Racy Point, St Johns River - Water Level, Trident Pier - Water Level, Trident Pier - Winds, Trident Pier - Barometric, Oyster Landing (N Inlet Estuary) - Water Level, Springmaid Pier - Water Level, Springmaid Pier - Winds, Springmaid Pier - Barometric, Wilmington - Water Level, Wilmington - Barometric, Wrightsville Beach - Water Level, Wrightsville Beach - Winds, Wrightsville Beach - Barometric, Beaufort - Water Level, Beaufort - Winds, Beaufort - Barometric, Duck - Water Level, Duck - Winds

NOAA/NOS/CO-OPS 8670870 Fort Pulaski, GA  
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 10/07/2016 18:06 (EDT). Data relative to MHHW

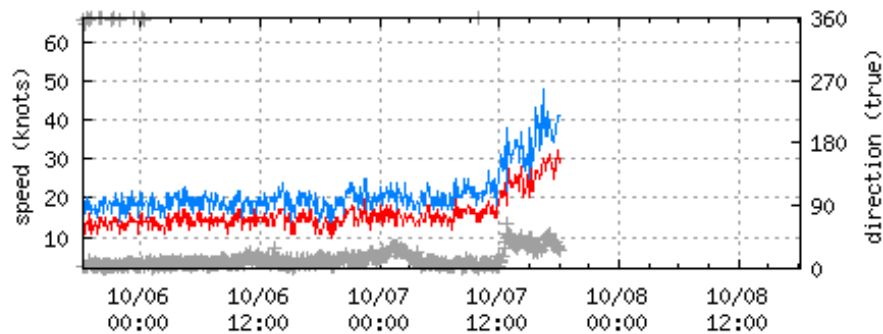
Observed: -0.27 ft. Predicted: -5.22 ft. Residual: 4.95 ft.

Historical Maximum Water Level: Oct 15 1947, 3.40 ft.

Next High Tide: 10/08/2016 01:22 (EDT), -1.07 ft.

NOAA/NOS/CO-OPS 8670870 Fort Pulaski, GA

Wind Speed / Gusts / Direction

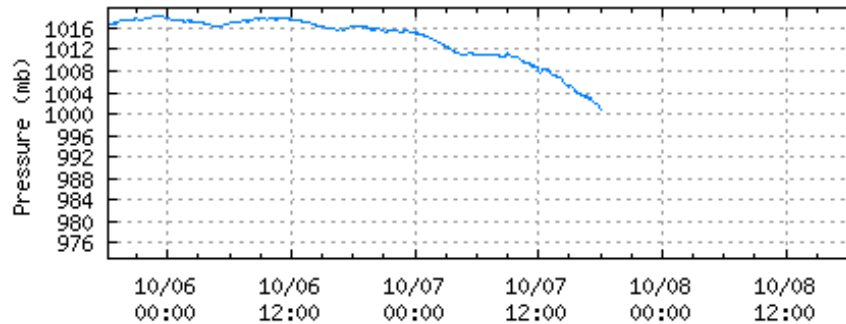


speed — gusts — direction +

Last Observed Sample: 10/07/2016 18:06 (EDT)

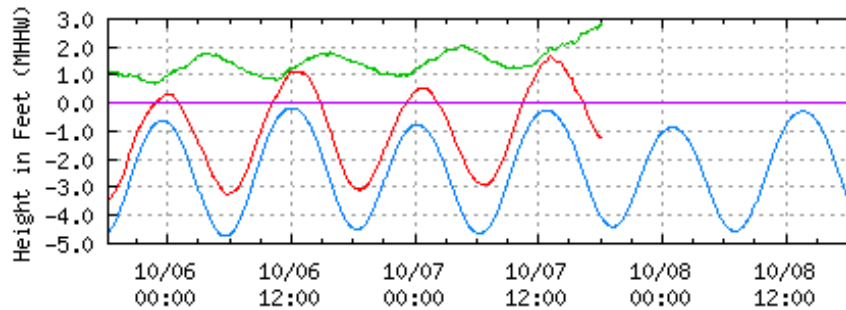
Wind Speed: 29 knots Gusts: 41 knots Direction: 26° T

NOAA/NOS/CO-OPS 8670870 Fort Pulaski, GA  
Barometric Pressure



barometric pressure —  
Last Observed Sample: 10/07/2016 18:06 (EDT)  
Barometric Pressure: 1000.6 mb

NOAA/NOS/CO-OPS 8665530 Charleston, SC  
Preliminary Water Level, relative to Mean Higher High Water (MHHW)

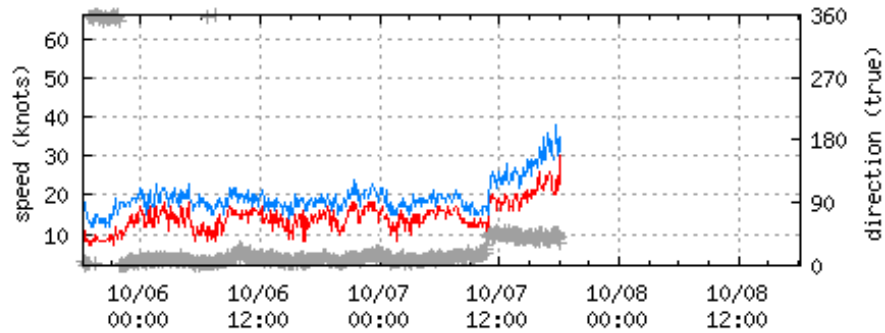


Predicted Tide — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 10/07/2016 18:12 (EDT). Data relative to MHHW  
Observed: -1.25 ft. Predicted: -4.13 ft. Residual: 2.88 ft.  
Historical Maximum Water Level: Sep 21 1989, 6.76 ft.  
Next High Tide: 10/08/2016 00:57 (EDT), -0.86 ft.

# NOAA/NOS/CO-OPS 8665530 Charleston, SC

Wind Speed / Gusts / Direction



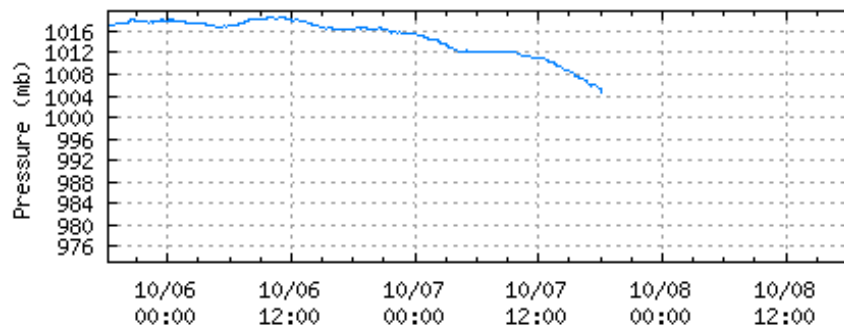
speed — gusts — direction +

Last Observed Sample: 10/07/2016 18:12 (EDT)

Wind Speed: 30 knots Gusts: 40 knots Direction: 34° T

# NOAA/NOS/CO-OPS 8665530 Charleston, SC

Barometric Pressure

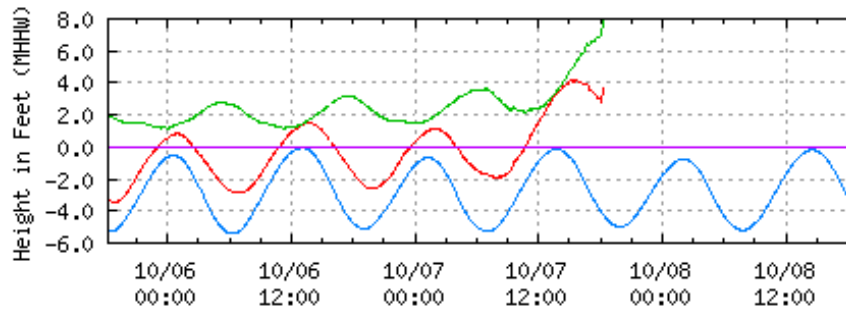


barometric pressure —

Last Observed Sample: 10/07/2016 18:12 (EDT)

Barometric Pressure: 1004.6 mb

NOAA/NOS/CO-OPS 8720030 Fernandina Beach, FL  
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide ——— (Obs-Pred) ———  
Observed WL ——— MHHW ———

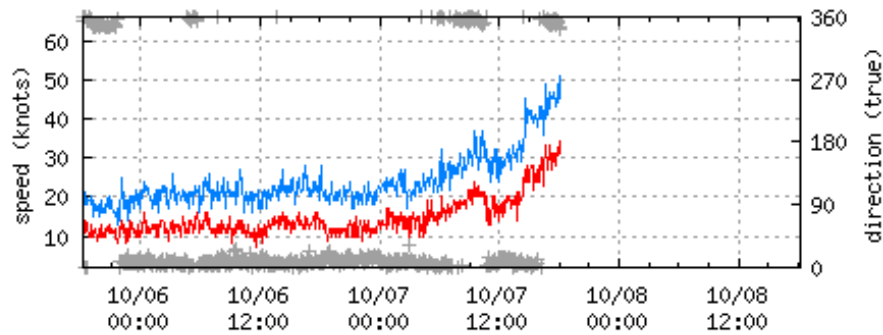
Last Observed Sample: 10/07/2016 18:12 (EDT). Data relative to MHHW

Observed: 3.73 ft. Predicted: -4.19 ft. Residual: 7.92 ft.

Historical Maximum Water Level: Oct 2 1898, 6.94 ft.

Next High Tide: 10/08/2016 02:01 (EDT), -0.76 ft.

NOAA/NOS/CO-OPS 8720030 Fernandina Beach, FL  
Wind Speed / Gusts / Direction

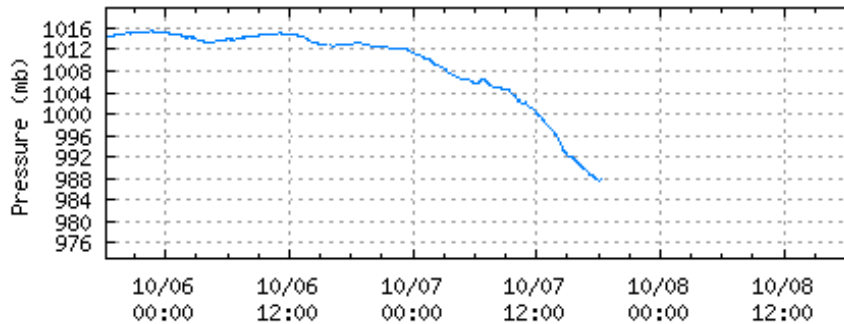


speed ——— gusts ——— direction +

Last Observed Sample: 10/07/2016 18:12 (EDT)

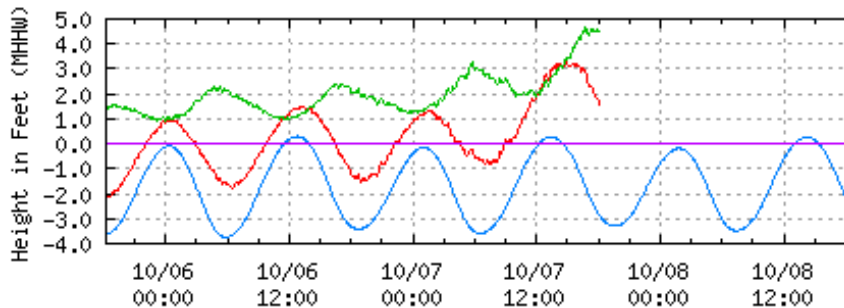
Wind Speed: 33 knots Gusts: 45 knots Direction: 341° T

NOAA/NOS/CO-OPS 8720030 Fernandina Beach, FL  
Barometric Pressure



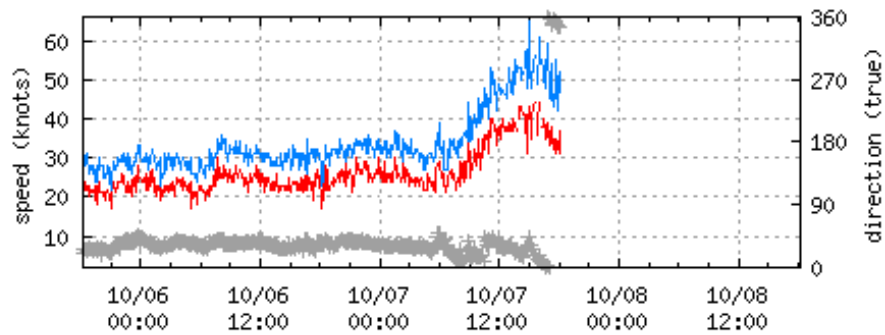
barometric pressure —  
Last Observed Sample: 10/07/2016 18:12 (EDT)  
Barometric Pressure: 987.7 mb

NOAA/NOS/CO-OPS 8720218 Mayport (Bar Pilots Dock), FL  
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 10/07/2016 18:12 (EDT). Data relative to MHHW  
Observed: 1.53 ft. Predicted: -2.94 ft. Residual: 4.47 ft.  
Historical Maximum Water Level: Sep 27 2004, 2.47 ft.  
Next High Tide: 10/08/2016 01:47 (EDT), -0.18 ft.

NOAA/NOS/CO-OPS 8720218 Mayport (Bar Pilots Dock), FL  
Wind Speed / Gusts / Direction

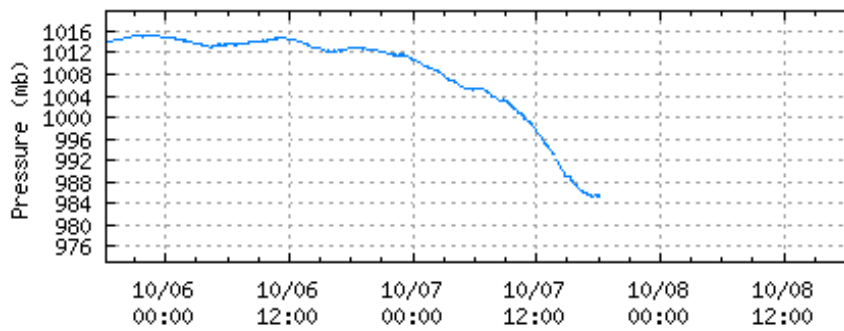


speed — gusts — direction +

Last Observed Sample: 10/07/2016 18:12 (EDT)

Wind Speed: 33 knots Gusts: 46 knots Direction: 347° T

NOAA/NOS/CO-OPS 8720218 Mayport (Bar Pilots Dock), FL  
Barometric Pressure

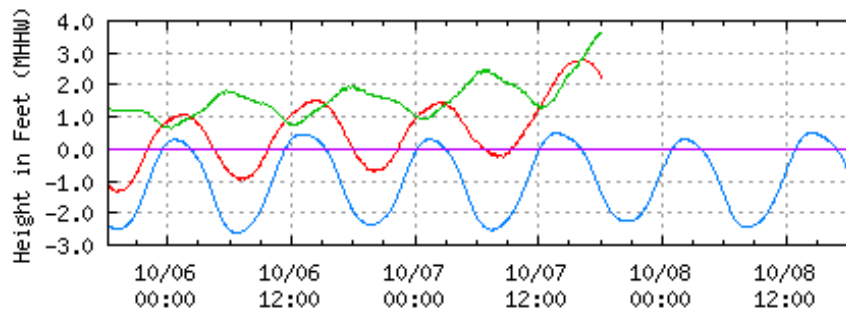


barometric pressure —

Last Observed Sample: 10/07/2016 18:12 (EDT)

Barometric Pressure: 985.4 mb

NOAA/NOS/CO-OPS 8720219 Dames Point, FL  
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide ——— (Obs-Pred) ———  
Observed WL ——— MHHW ———

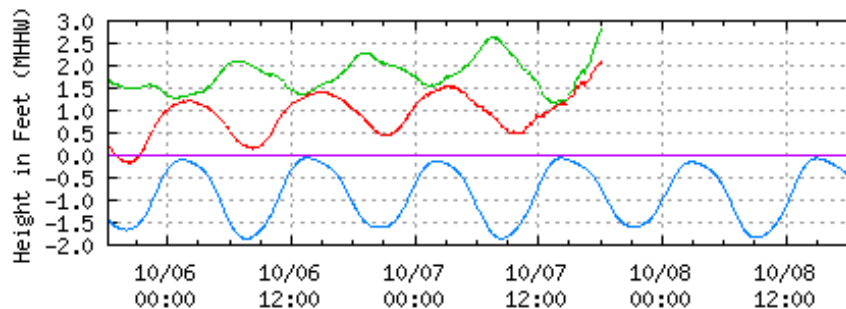
Last Observed Sample: 10/07/2016 18:12 (EDT). Data relative to MHHW

Observed: 2.16 ft. Predicted: -1.48 ft. Residual: 3.64 ft.

Historical Maximum Water Level: Sep 17 2001, 2.40 ft.

Next High Tide: 10/08/2016 02:09 (EDT), 0.31 ft.

NOAA/NOS/CO-OPS 8720226 Southbank Riverwalk, St Johns River, FL  
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide ——— (Obs-Pred) ———  
Observed WL ——— MHHW ———

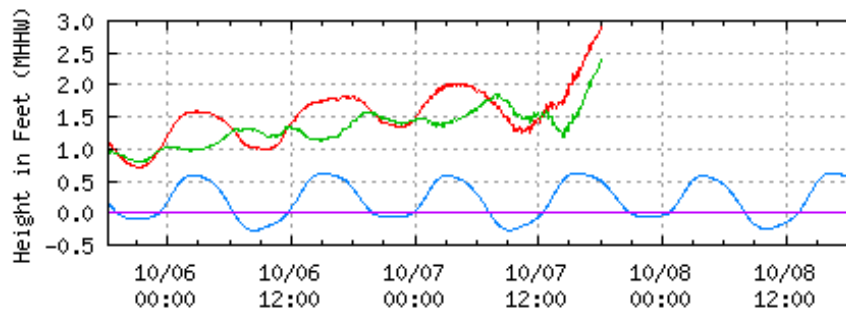
Last Observed Sample: 10/07/2016 18:06 (EDT). Data relative to MHHW

Observed: 2.07 ft. Predicted: -0.77 ft. Residual: 2.84 ft.

Historical Maximum Water Level: Sep 27 2004, 3.44 ft.

Next High Tide: 10/08/2016 02:50 (EDT), -0.15 ft.

NOAA/NOS/CO-OPS 8720357 I-295 Bridge, St Johns River, FL  
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide — (Obs-Pred) —  
Observed WL — MHHW —

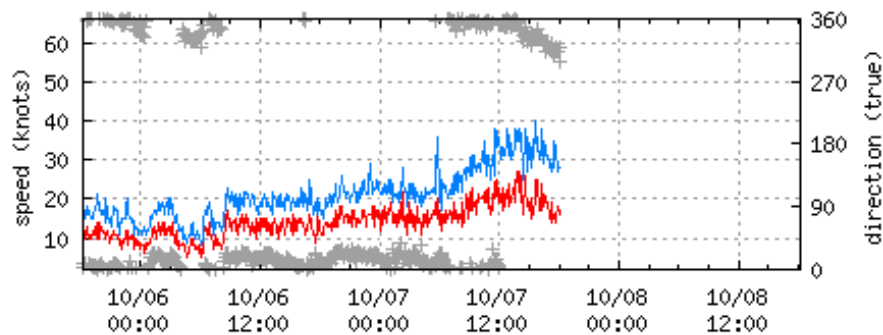
Last Observed Sample: 10/07/2016 18:12 (EDT). Data relative to MHHW

Observed: 2.93 ft. Predicted: 0.48 ft. Residual: 2.45 ft.

Historical Maximum Water Level: Sep 27 2004, 3.46 ft.

Next High Tide: 10/08/2016 03:55 (EDT), 0.58 ft.

NOAA/NOS/CO-OPS 8720357 I-295 Bridge, St Johns River, FL  
Wind Speed / Gusts / Direction

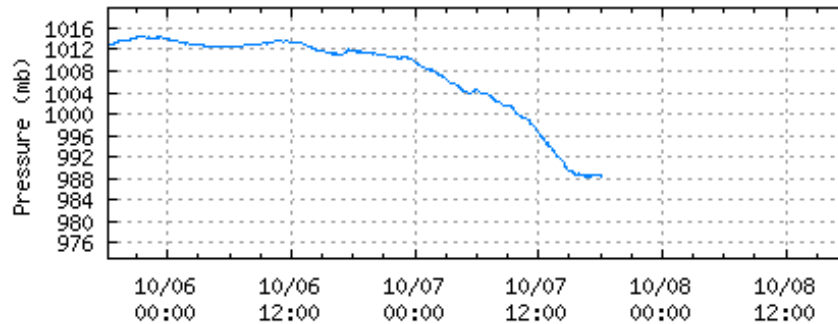


speed — gusts — direction +

Last Observed Sample: 10/07/2016 18:12 (EDT)

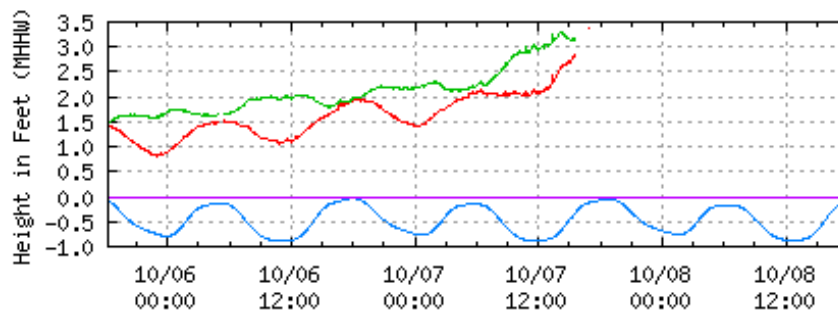
Wind Speed: 18 knots Gusts: 38 knots Direction: 307° T

NOAA/NOS/CO-OPS 8720357 I-295 Bridge, St Johns River, FL  
Barometric Pressure



barometric pressure —  
Last Observed Sample: 10/07/2016 18:12 (EDT)  
Barometric Pressure: 988.5 mb

NOAA/NOS/CO-OPS 8720503 Red Bay Point, St Johns River, FL  
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 10/07/2016 16:54 (EDT). Data relative to MHHW

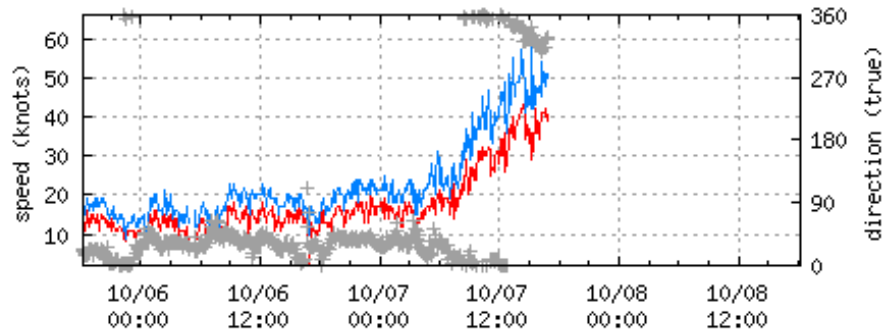
Observed: 3.38 ft. Predicted: -0.11 ft. Residual: 3.49 ft.

Historical Maximum Water Level: Sep 27 2004, 2.93 ft.

Next High Tide: 10/07/2016 18:50 (EDT), -0.04 ft.

NOAA/NOS/CO-OPS 8720503 Red Bay Point, St Johns River, FL

Wind Speed / Gusts / Direction



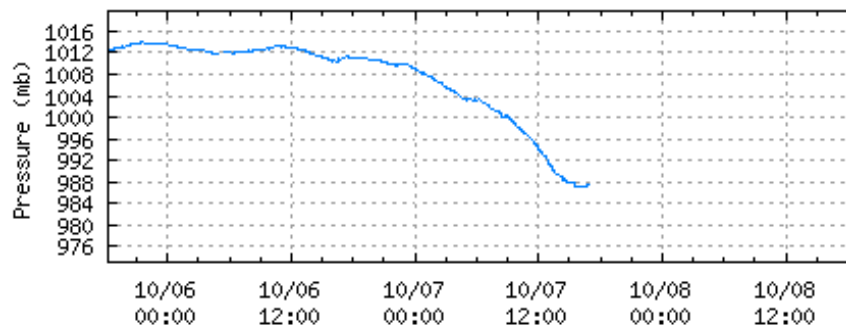
speed — gusts — direction +

Last Observed Sample: 10/07/2016 16:54 (EDT)

Wind Speed: 39 knots Gusts: 51 knots Direction: 329° T

NOAA/NOS/CO-OPS 8720503 Red Bay Point, St Johns River, FL

Barometric Pressure

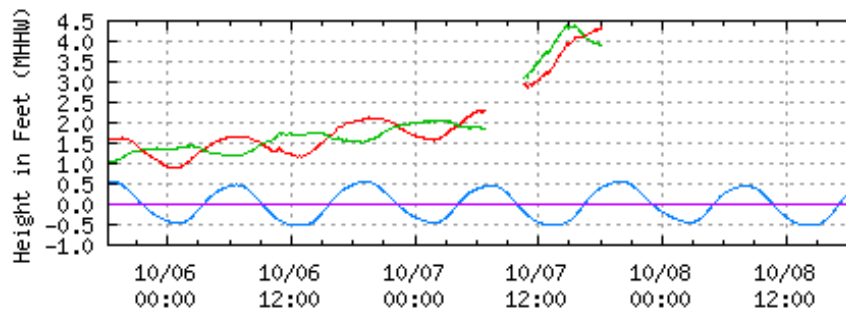


barometric pressure —

Last Observed Sample: 10/07/2016 16:54 (EDT)

Barometric Pressure: 987.4 mb

NOAA/NOS/CO-OPS 8720625 Racy Point, St Johns River, FL  
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide ——— (Obs-Pred) ———  
Observed WL ——— MHHW ———

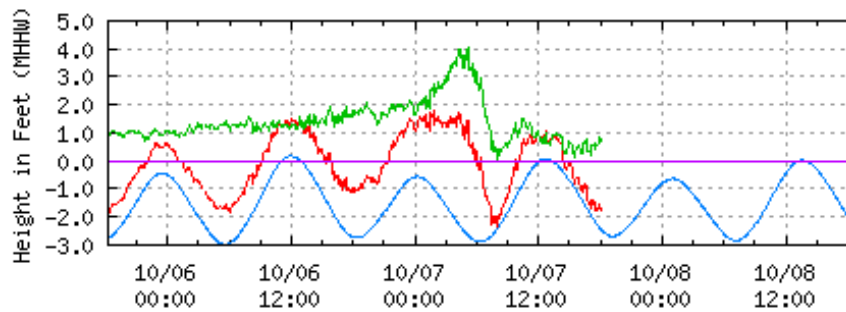
Last Observed Sample: 10/07/2016 18:12 (EDT). Data relative to MHHW

Observed: 4.36 ft. Predicted: 0.43 ft. Residual: 3.93 ft.

Historical Maximum Water Level: n/a

Next High Tide: 10/07/2016 19:58 (EDT), 0.56 ft.

NOAA/NOS/CO-OPS 8721604 Trident Pier, FL  
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide ——— (Obs-Pred) ———  
Observed WL ——— MHHW ———

Last Observed Sample: 10/07/2016 18:12 (EDT). Data relative to MHHW

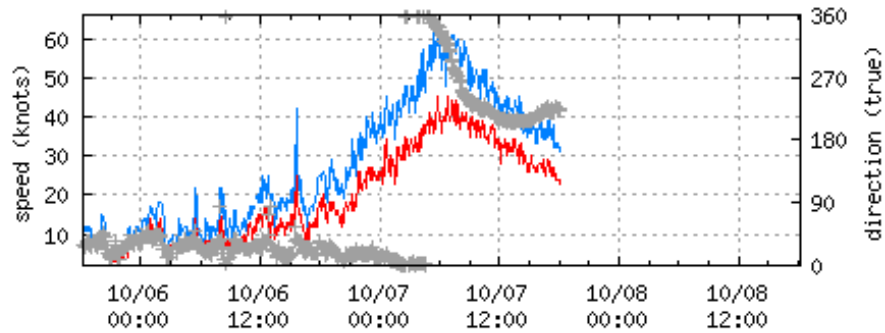
Observed: -1.87 ft. Predicted: -2.50 ft. Residual: 0.63 ft.

Historical Maximum Water Level: Sep 26 2004, 4.01 ft.

Next High Tide: 10/08/2016 00:58 (EDT), -0.64 ft.

# NOAA/NOS/CO-OPS 8721604 Trident Pier, FL

Wind Speed / Gusts / Direction



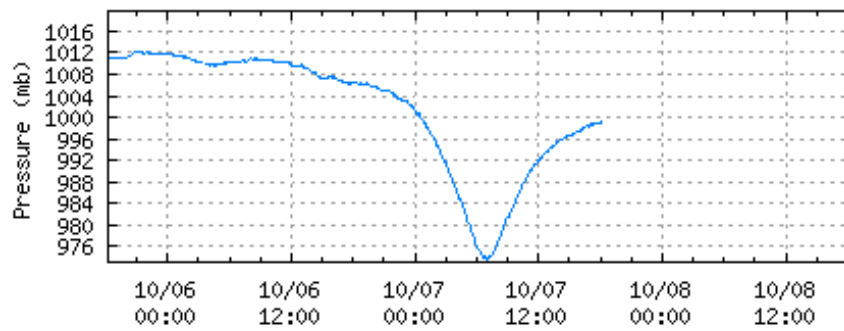
speed — gusts — direction +

Last Observed Sample: 10/07/2016 18:12 (EDT)

Wind Speed: 23 knots Gusts: 31 knots Direction: 223° T

# NOAA/NOS/CO-OPS 8721604 Trident Pier, FL

Barometric Pressure

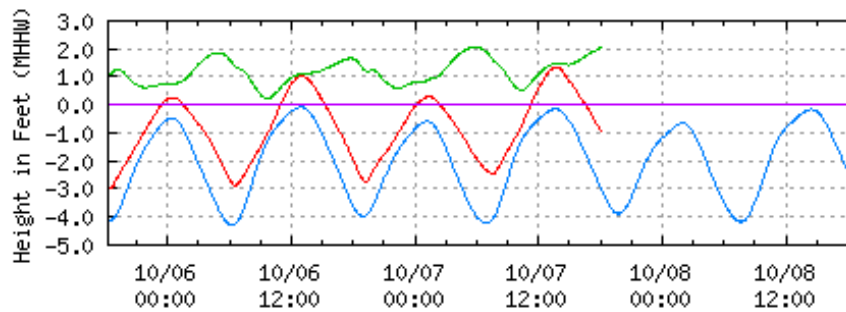


barometric pressure —

Last Observed Sample: 10/07/2016 18:12 (EDT)

Barometric Pressure: 999.2 mb

NOAA/NOS/CO-OPS 8662245 Oyster Landing (N Inlet Estuary), SC  
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide ——— (Obs-Pred) ———  
Observed WL ——— MHHW ———

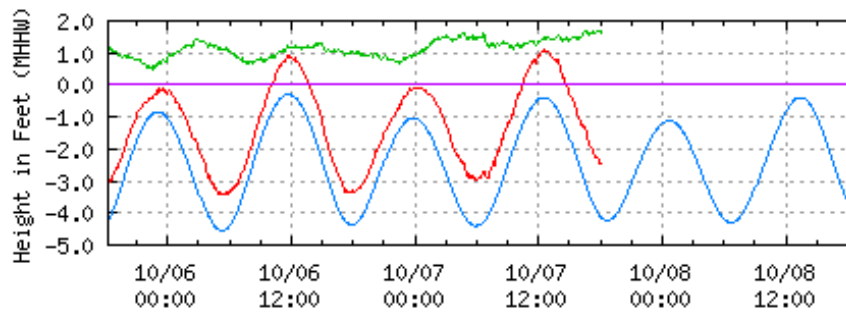
Last Observed Sample: 10/07/2016 18:00 (EDT). Data relative to MHHW

Observed: -0.94 ft. Predicted: -2.97 ft. Residual: 2.03 ft.

Historical Maximum Water Level: Aug 26 2011, 2.40 ft.

Next High Tide: 10/08/2016 01:55 (EDT), -0.65 ft.

NOAA/NOS/CO-OPS 8661070 Springmaid Pier, SC  
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide ——— (Obs-Pred) ———  
Observed WL ——— MHHW ———

Last Observed Sample: 10/07/2016 18:12 (EDT). Data relative to MHHW

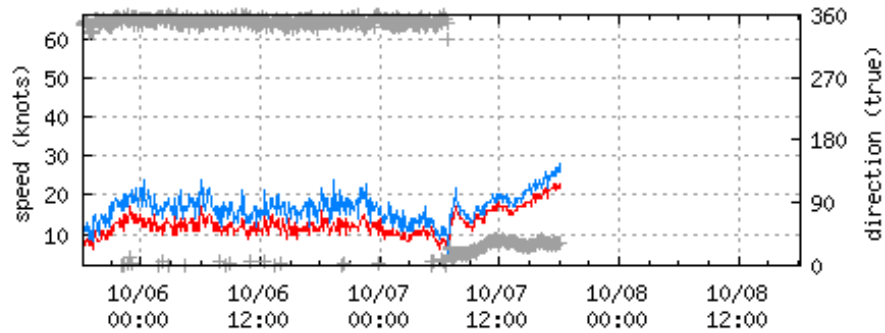
Observed: -2.47 ft. Predicted: -4.17 ft. Residual: 1.70 ft.

Historical Maximum Water Level: Jan 1 1987, 3.65 ft.

Next High Tide: 10/08/2016 00:40 (EDT), -1.13 ft.

# NOAA/NOS/CO-OPS 8661070 Springmaid Pier, SC

Wind Speed / Gusts / Direction



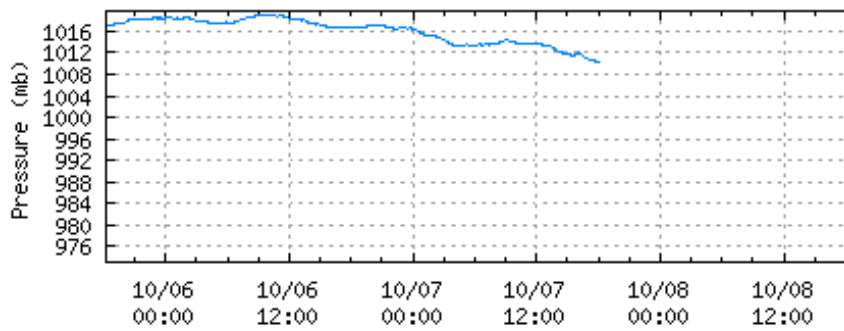
speed — gusts — direction +

Last Observed Sample: 10/07/2016 18:12 (EDT)

Wind Speed: 23 knots Gusts: 26 knots Direction: 30° T

# NOAA/NOS/CO-OPS 8661070 Springmaid Pier, SC

Barometric Pressure

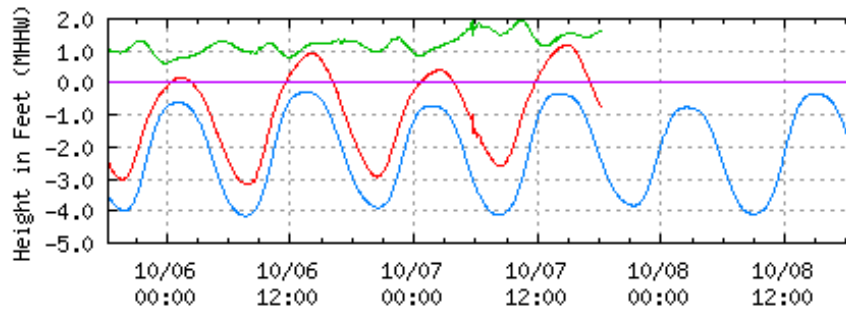


barometric pressure —

Last Observed Sample: 10/07/2016 18:12 (EDT)

Barometric Pressure: 1009.9 mb

NOAA/NOS/CO-OPS 8658120 Wilmington, NC  
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —  
Observed WL — MHHW —

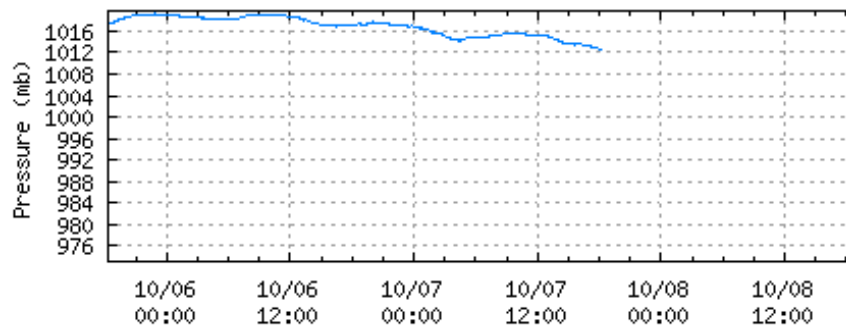
Last Observed Sample: 10/07/2016 18:06 (EDT). Data relative to MHHW

Observed: -0.76 ft. Predicted: -2.39 ft. Residual: 1.63 ft.

Historical Maximum Water Level: Oct 15 1954, 3.47 ft.

Next High Tide: 10/08/2016 02:26 (EDT), -0.76 ft.

NOAA/NOS/CO-OPS 8658120 Wilmington, NC  
Barometric Pressure

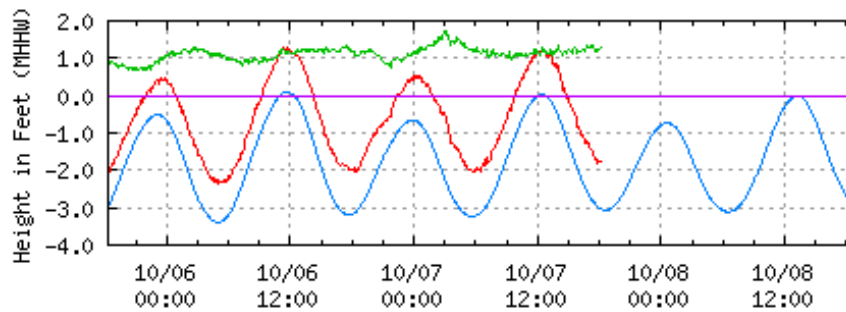


barometric pressure —

Last Observed Sample: 10/07/2016 18:06 (EDT)

Barometric Pressure: 1012.7 mb

NOAA/NOS/CO-OPS 8658163 Wrightsville Beach, NC  
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide ——— (Obs-Pred) ———  
Observed WL ——— MHHW ———

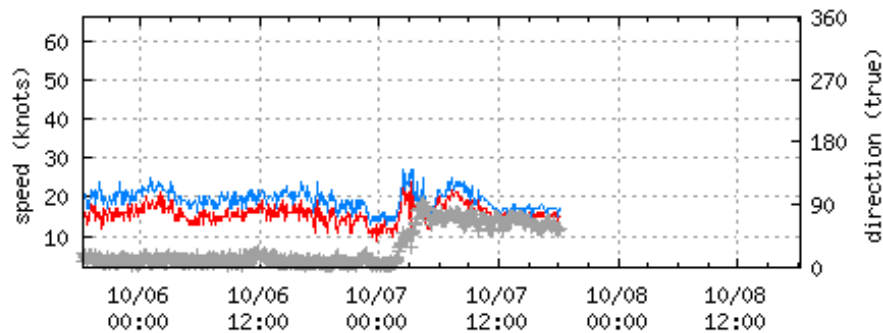
Last Observed Sample: 10/07/2016 18:06 (EDT). Data relative to MHHW

Observed: -1.74 ft. Predicted: -3.02 ft. Residual: 1.28 ft.

Historical Maximum Water Level: Sep 25 2008, 2.81 ft.

Next High Tide: 10/08/2016 00:35 (EDT), -0.74 ft.

NOAA/NOS/CO-OPS 8658163 Wrightsville Beach, NC  
Wind Speed / Gusts / Direction

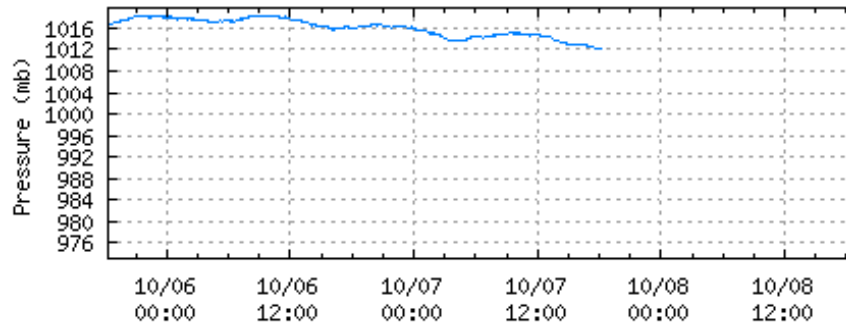


speed ——— gusts ——— direction +

Last Observed Sample: 10/07/2016 18:06 (EDT)

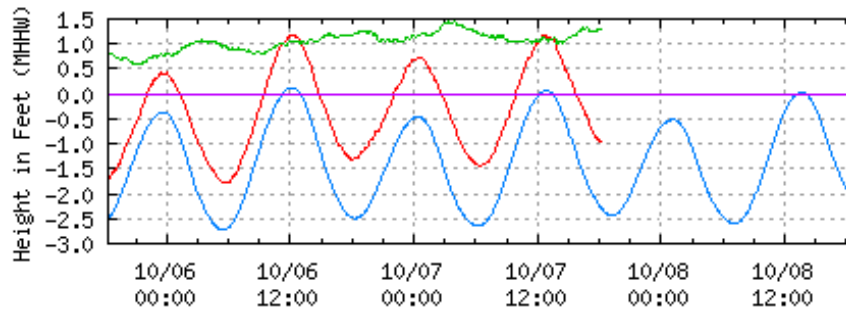
Wind Speed: 15 knots Gusts: 17 knots Direction: 57° T

NOAA/NOS/CO-OPS 8658163 Wrightsville Beach, NC  
Barometric Pressure



barometric pressure —  
Last Observed Sample: 10/07/2016 18:06 (EDT)  
Barometric Pressure: 1012.0 mb

NOAA/NOS/CO-OPS 8656483 Beaufort, NC  
Preliminary Water Level, relative to Mean Higher High Water (MHHW)

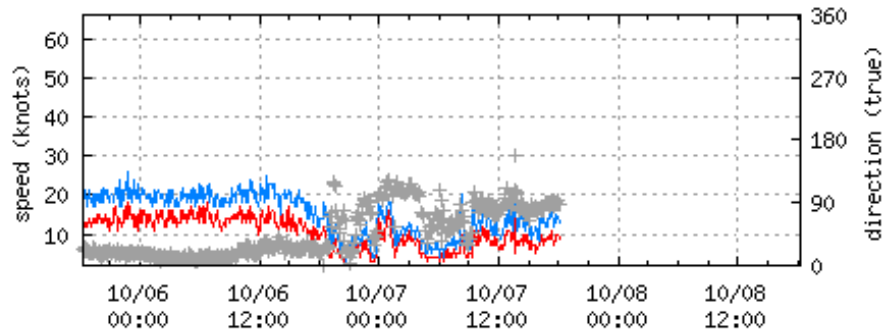


Predicted Tide — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 10/07/2016 18:06 (EDT). Data relative to MHHW  
Observed: -0.96 ft. Predicted: -2.27 ft. Residual: 1.31 ft.  
Historical Maximum Water Level: Sep 14 2005, 3.01 ft.  
Next High Tide: 10/08/2016 01:04 (EDT), -0.51 ft.

# NOAA/NOS/CO-OPS 8656483 Beaufort, NC

Wind Speed / Gusts / Direction



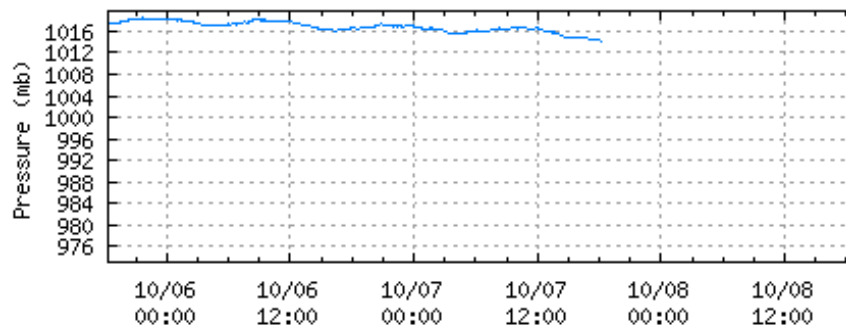
speed — gusts — direction +

Last Observed Sample: 10/07/2016 18:06 (EDT)

Wind Speed: 9 knots Gusts: 13 knots Direction: 89° T

# NOAA/NOS/CO-OPS 8656483 Beaufort, NC

Barometric Pressure

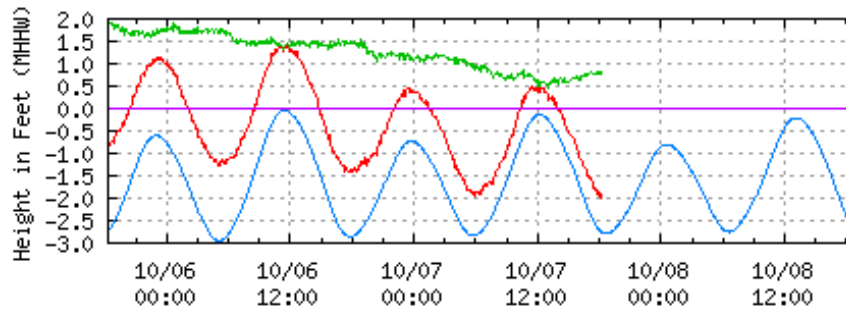


barometric pressure —

Last Observed Sample: 10/07/2016 18:06 (EDT)

Barometric Pressure: 1014.2 mb

NOAA/NOS/CO-OPS 8651370 Duck, NC  
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide — (Obs-Pred) —  
Observed WL — MHHW —

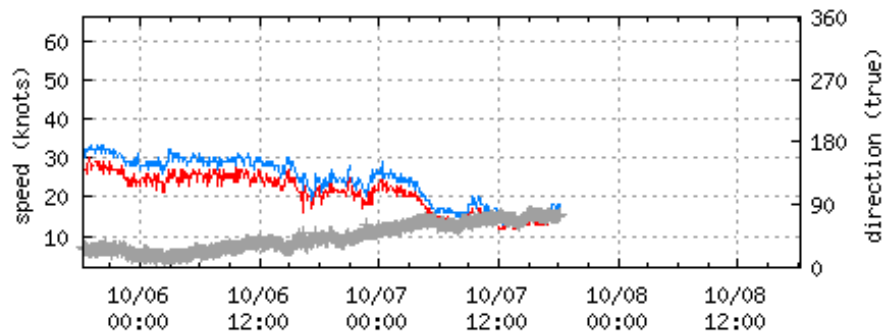
Last Observed Sample: 10/07/2016 18:12 (EDT). Data relative to MHHW

Observed: -1.99 ft. Predicted: -2.76 ft. Residual: 0.77 ft.

Historical Maximum Water Level: Sep 18 2003, 4.13 ft.

Next High Tide: 10/08/2016 00:33 (EDT), -0.80 ft.

NOAA/NOS/CO-OPS 8651370 Duck, NC  
Wind Speed / Gusts / Direction



speed — gusts — direction +

Last Observed Sample: 10/07/2016 18:12 (EDT)

Wind Speed: 16 knots Gusts: 18 knots Direction: 77° T

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
8670870	Fort Pulaski, GA	10/07/2016 18:06 (EDT)	-0.27 ft	-5.22 ft	4.95 ft	2.17 ft
8665530	Charleston, SC	10/07/2016 18:12 (EDT)	-1.25 ft	-4.13 ft	2.88 ft	1.71 ft
8720030	Fernandina Beach, FL	10/07/2016 18:12 (EDT)	3.73 ft	-4.19 ft	7.92 ft	4.17 ft
8720218	Mayport (Bar Pilots Dock), FL	10/07/2016 18:12 (EDT)	1.53 ft	-2.94 ft	4.47 ft	3.28 ft
8720219	Dames Point, FL	10/07/2016 18:12 (EDT)	2.16 ft	-1.48 ft	3.64 ft	2.80 ft
8720226	Southbank Riverwalk, St Johns River, FL	10/07/2016 18:06 (EDT)	2.07 ft	-0.77 ft	2.84 ft	2.07 ft
8720357	I-295 Bridge, St Johns River, FL	10/07/2016 18:12 (EDT)	2.93 ft	0.48 ft	2.45 ft	2.93 ft
8720503	Red Bay Point, St Johns River, FL	10/07/2016 16:54 (EDT)	3.38 ft	-0.11 ft	3.49 ft	3.38 ft
8720625	Racy Point, St Johns River, FL	10/07/2016 18:12 (EDT)	4.36 ft	0.43 ft	3.93 ft	4.36 ft
8721604	Trident Pier, FL	10/07/2016 18:12 (EDT)	-1.87 ft	-2.50 ft	0.63 ft	1.78 ft
8662245	Oyster Landing (N Inlet Estuary), SC	10/07/2016 18:00 (EDT)	-0.94 ft	-2.97 ft	2.03 ft	1.34 ft
8661070	Springmaid Pier, SC	10/07/2016 18:12 (EDT)	-2.47 ft	-4.17 ft	1.70 ft	1.08 ft
8658120	Wilmington, NC	10/07/2016 18:06 (EDT)	-0.76 ft	-2.39 ft	1.63 ft	1.17 ft
8658163	Wrightsville Beach, NC	10/07/2016 18:06 (EDT)	-1.74 ft	-3.02 ft	1.28 ft	1.30 ft
8656483	Beaufort, NC	10/07/2016 18:06 (EDT)	-0.96 ft	-2.27 ft	1.31 ft	1.18 ft
8651370	Duck, NC	10/07/2016 18:12 (EDT)	-1.99 ft	-2.76 ft	0.77 ft	0.49 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce